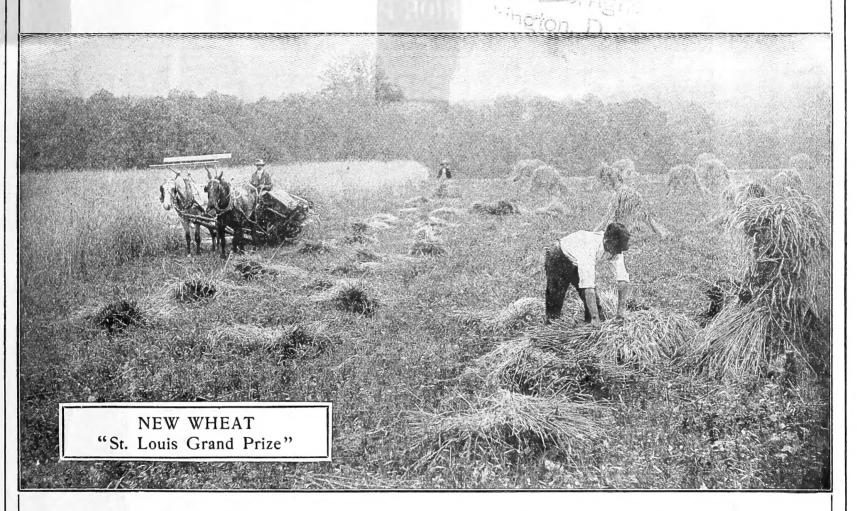
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# HENDERSON'S Wheats, Grasses, &c.

FOR FALL SOWING, 1910



### JONES' ST. LOUIS GRAND PRIZE WHEAT (Beardless)

THIS grand new wheat is destined to become a standard "rough and ready" variety, being equally at home on all soils, thriving on light sandy, gravelly, clay loam or river bottom lands, and it is as nearly fly proof as it is possible for a wheat to be. It is a strong healthy grower with dark wide foliage, starting into growth among the earliest in spring. Straw medium tall, very stocky and thick walled; heads square and compactly set from base to tip; kernels short but very large and plump; color medium dark red and of good milling quality. We expect St. Louis Grand Prize Wheat to make a big record every where. Mr. Jones says his field of it in northern New York was noted as the best field of wheat in all of that section. Just as even as a floor. Every head standing erect and not a straw out of place. Price: peck, \$1.50; ½ bush., \$2.50; bush., \$4.50; in 10 bush. lots, per bush., \$4.00.

Peter Henderson & Co.
35 8-37 CORTLANDT ST., NEW YORK.

Copyright 1910 by Peter Henderson & Co.

# HENDERSON'S WINTER SEED WHEAT.



SILVER SHEAF LONGBERRY RED.

PRICES ARE SUBJECT TO THE FLUCTUATIONS
OF THE MARKET. DELIVERY F. O. B.
NEW YORK, BAGS EXTRA
THE PRICES HEREIN NAMED ARE THOSE
RULING SEPTEMBER, 1910.

### HENDERSON'S SUPERIOR SEED WHEAT.

It costs almost as much to lay down an acre of wheat that yields only 15 bushels per acre as one that will yield from 35 to 50 bushels. The first scarcely returns the cost of the investment while the latter yields a handsome profit. The leading essential needed to attain such results is to sow Henderson's Superior Seed Wheat, which is grown especially for seed purposes from cross-bred, select pedigree strains of undoubted superiority.

### SILVER SHEAF LONGBERRY RED (Bearded).

The most perfect Longberry Red Wheat grown. It will prove to be the finest Longberry Red ever known, and will make a sensation among wheat growers and millers as soon as known. This marvel originated from a cross between the well-known American Bronze and a cross from Lancaster and a seedling Longberry. It is one of the hardiest of all wheats, a strong, healthy grower and can be sown very late. If sown early, 14 bushels of seed per acre will be enough on strong soil. Straw of light yellow color, medium tall, thick-walled and strong; head long, wide and full; chaff thin and silvery-white; grain large, dark and flinty, and nearly as long as rye kernels. It will command the highest market price of any Longberry yet grown, and will be the leading fancy milling wheat of this country. Price,

Price, 8oc. per peck, \$2.50 per bushel, 10-bushel lots @ \$2.40 per bushel.

### EARLY RED CHIEF (Beardless).

We herewith introduce a very superior new wheat, for which we predict a grand future. It originated from Early Red Clawson and Red Arcadian. Without doubt, Early Red Chief will prove a wonder in the wheat line, being a rough-and-ready sort that can be depended upon for a granary filler even in unfavorable seasons. It is one of the strongest-growing and productive sorts yet introduced; its growth in the fall is strong, foliage large, thick and dark, covering the ground early in the season, and can be sown very late. It is one of the first to start in spring. Straw exceptionally thickwalled; strong heads, long and wide, carried erect, of a reddish-brown shade, completely packed with large, dark red kernels. Price, 8oc. per peck, \$2.50 per bu., 10-bu. lots @ \$2.40 per bu.

# ORDER SHEET FOR FARM SEEDS.

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PETER HENDERSON & CO. give no warranty, express or implied, as to description, quality, productiveness, or any other matter of any Seeds, Bulbs or Plants they send out, and they will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned.

# PETER HENDERSON & CO., 35 and 37 Cortlandt Street, New York.

SEND BY	Date
State if wanted by Mail; Express (and Company); Freight (and Route); Steamer (and Line).  [O (Name)	AMOUNT E
•	(State whether Cash. Draft, P. O. Order, Express Money Order or Stamps.) (If goods are wanted by express, C. O. D., 25 per cent of the amount must accompany the order.)
Jounty ; State	RECORDED and entered for following Catalogues:
Station or Exp. Office (Only if different from P. O.)	Rand
Superintendent or Farm Manager (That we may enter his name for Catalogues.)	by

FIRM SELIS WE US NO IN COUNTY TOO, but when small quantities are wanted by express or mail, we will prepay postage or carriage, if 8 CENTS FER LB. IS ADDED TO THE PRICES.

We make no charge for packing or cartage of goods to any railroad station, steamship line or express office in New York City. Consignee pays the transportation charges.

CLOTH BAGS only we charge for, and these at cost, viz.: 1 peck, 10c.; ½ bushel, 12c.; 1 bushel, 15c.; 2 bushel, 20c. ALL GRASS SEED BAGS, excepting bags for Timothy and Clover, are furnished free.

SPECIAL PACKING for FOREIGN SHIPMENTS, in the lined cases or double sacks, charged for at cost.

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# JONES' RED WAVE BEARDLESS

A FTER two years' trial this grand wheat has fully maintained the good opinion expressed when first sent out in 1906. Customers in all winter wheat growing sections know the Jones wheats wherever sown have made a grand record, and will be pleased to hear of this fine Bald Red variety now ready to send out.

It is a cross between early Red Clawson and an unnamed crossbreed of Russian parentage. All progressive farmers should give this sort a trial, as seed of this will be in great demand as soon as known, and those who are fortunate enough to have a field in 1910, will find it to be a profitable investment. It is a bald Brown-chaff, dark medium long, large grain; heads very long and broad, filled with medium, long, large, hard, dark kernels, rich in

gluten. Straw, golden; above medium height, stocky, very strong, thick walled and not liable to go down; heads slightly leaning, hence not liable to sprout in the field. This variety last season gave a yield of 49 bushels and 2 pounds per acre in a field, the balance of which was sown to Dawson Golden Chaff that produced only 27 bushels per acre. Part of the first swath between the two going into the Dawson for fear of stray heads of Dawson; also rakings adjoining, thus cutting the yield nearly a bushel. A plot on trial grounds 14 by 2 rods square produced at the rate of 68 bushels and 5 pounds per acre. Price, 90c. per pk.; \$2.75per bush.; 10 bush. lots, \$2.65 per bush.



These are both the result of upwards of twenty years' thoroughly scientific crossing and careful selection at the hands of the late Mr. E. S. Carman, the well-known editor of the Rural New Yorker, and raiser of many of the most valuable agricultural introductions of recent years. These two varieties have been selected from hundreds of crosses and varieties as superior in all desirable qualities. They have now been grown in most wheat-growing sections, and most flattering testimony has been received by us regarding their merits.

# "Bearded" Rural New Yorker

(Number 57)

has heavily-bearded heads which are beautifully symmetrical, being pointed at the tip, broad in the middle, and tapering towards the stem. The straw is unusually tall and strong and stools freely, frequently having 35 to 40 stalks from a single grain. The heads are compact, averaging three kernels to a spikelet or "breast," and ten breasts to a side. The kernels are of medium size and of an attractive color, between the so-called "red" and amber, possessing the requisite degree of hardness for the production of the finest grade of flour, and is much sought after by millers. The chaff is clear white, with a trace of velvet sufficient to make it difficult for the green fly to attack it, and the heads do not mildew as the full velvet chaff varieties are liable to do. (See cut.)

Price, 80c. per peck; \$2.50 per bushel; 10-bushel lots, \$2.40 per bushel.

# "Beardless" Rural New Yorker

(Number 6)

This beardless variety is a hybrid between Rye and Armstrong Wheat, though all traces of Rye have disappeared and it now appears a handsome, beardless Wheat. It succeeds and produces heavy crops on poor, thin land, where Wheat could not be successfully or profitably grown, and it also has extreme hardiness to recommend it. When first raised, some years ago, the top of the culms was downy with Rye culms. This characteristic could not be fixed, so that for this variety the culms having no down were alone selected. The gold-colored straw is very thick and strong, easily supporting the heavy grain without breaking. The large amber kernels are placed four to a breast, eight breasts to a side, with long symmetrical heads having a brown chaft. (See cut.) One of our growers says:

"It stools as strong as any wheat I ever saw. It had a vigorous, healthy growth all the season, and stood well without lodging. It is very hardy."

Price, 80c. per peck; \$2.50 per bush.; 10-bush.lots, \$2.40 per bush.



Rural New Yorker

We shall be pleased to make Special Prices (where possible) to buyers of large quantities of Grain or Grass Seed. Write us.

Bearded

Rural New Yorker

## Jones' Bearded Longberry. (No. 1.)

E are confident that this variety will prove to be the most profitable Longberry yet known—it is the result of experiments in crossing this type covering several years—and we feel that it will rapidly displace the old Longberries now no longer profitable on account of weak vitality and light yield, although their quality is the standard by which all other sorts are judged. JONES' BEARDED LONGBERRY (No. 1) is a grand variety and one of the most productive, hardy and profitable sorts ever sent out. It has made a record of 54½ bushels per acre. It has a sturdy, wiry straw of good length, not liable to lodge even on very fertile soil; heads long, wide and exceptionally well filled, bearded and of a rich brown shade; kernels large and long, of an attractive blending of red and amber, indicating to millers its high milling character and requisite hardness for producing a fine grade of flour. Especially adapted for late sowing, giving large yields when sown in October. (See cut.) Price, 80c. per peck; \$2.50 per bushel; 10-bushel lots, \$2.40 per bushel.

### Pride of Genesee (Bearded).

One of the most productive varieties, having a long, well-filled head, and the fact that it will give a reasonably good crop on land so poor that common sorts would be a failure, cannot fail to make it a popular sort, as the head

does not decrease in proportion to the straw, being large and well filled on a very short, light growth of straw.

Price, 80c. per pk.; \$2.50 per bu.; 10-bush. lots, \$2.40 per bu.

### Clawson Longberry (Beardless).

This grand cross-bred Longberry was produced from the same blood that bore the famous Red Clawson crossed with Longberry stock. It resembles, in some respects, Red Clawson in the field, but is a stronger grower and more prolific stooler, and has sturdy, wiry straw. Heads long, wide and full; chaff, brown and free from beards; grain, dark amber of the finest quality, large, long, and of true Longberry type. Like its parents, it delights in strong clay loam, and on such soil, with thorough preparation, it will often yield fifty bushels or more per acre. It is largely grown by some of the best wheat growers, by whom it is highly recommended. (See cut.) Sow 1½ bushels per acre.

Price, 80c. per peck; \$2.50 per bush.; 10-bushel lots, \$2.40 per bush.

### Gold Coin (Beardless)

A very popular wheat that the increasing demand for the seed would indicate is a most satisfactory variety over a large extent of territory. It is unusually productive, having yielded over 60 bushels per acre-while 50 and over is not unusual—and even on large acreages it seldom runs under 40 bushels per acre.

The straw is very stiff and does not lodge even on the richest land. head is long and compactly filled with choice white grain, frequently having five kernels abreast. Price, 75c. per peck, \$2.40 per bush; 10-bushel lots, \$2.30 per bush.



Clawson Longberry.





grass, and matures two weeks earlier in the summer than wheat. Winter.—The variety most commonly cultivated. \$1.50 bushel of 56 lbs.; 10-bushel lots, \$1.40 bushel.

Excelsior Winter.—A new variety from Vermont that has never failed to yield at the rate of 40 to 50 bushels per acre. With the originator, a four-acre field yielded 52 bushels to the acre. \$1.75 bushel of 56 lbs.; 10-bushel lots, \$1.65 bushel.

Thousandfold.—Said to be the most productive Rye in cultivation. \$1.75 bushel of 56 lbs.; 10-bushel lots, \$1.65 bushel.

Giant Winter.—Unquestionably the heaviest cropping Rye in existence, having in fair tests outyielded all other varieties both in straw and grain. The heads average six to eight inches in length and are filled from end to end with large, plump, heavy The straw is giant in length and strength and of extraordinary stiffness, resisting severe wind and rain storms to a remarkable degree without lodging. (See cut.) \$2.00 bushel of 56 lbs.; 10-bushel lots, \$1.90 bushel.





PASTURE SCENE AT GRAND VIEW FARMS, LANCASTER, PA., WHERE HENDERSON'S PERMANENT GRASS MIXTURES ARE USED

# Henderson's Special Grass Mixture FOR HAY AND PERMANENT PASTURE

### A FEW TRIBUTES OF PRAISE FROM THOSE WHO USE IT

"I wish you could see my Permanent Grass; it would do your heart good. I expect a very big crop." R. P. McGRANN, Grand View Farms, Lancaster, Pa.

I am pleased to report to you that your Special Grass Seed Mixture for Hay and Permanent Pasture sowed by me three years ago on an eight acre field has sur-passed my expectations. The first year I cut 1½ crops and since the yield has been

very heavy.

"Last summer and fall during the great drought this field remained green throughout when all surrounding fields were burnt brown. As fodder I do not think it can be excelled. After using timothy hay many years I find the stock in far better condition in the spring after having been fed on your Hay Mixture."

A. C. SAPORTAS, "Raven Rock," Pocantico Hills, N. Y.

"I am pleased to inform you that the 10-acre field which I seeded with your special mixture for Hay and Permanent Pasture last year was a great success, and was admired by the neighbors for miles around.

"I harvested the first crop of hav on June 20th, which yielded at the rate of 5½ tons per acre. I harvested a second crop on September 1st, which yielded ½ tons per acre, and I could have cut a third crop from it, but preferred to pasture it, and it gave good pasture to our stock right up to winter."

"THOS. BERMINGHAM. Manager for Col. D. A. Kane, "Paddocks," New Rochelle, N. Y.

"Your Special Grass Mixture has done well for me. It produced, this season, the largest crop of hay that I ever saw cut off the ground, and has been yielding a most excellent pasture for over a month past, and this notwithstanding the extraordinary severity of the drought in this vicinity."

R. S. TAYLOR, Fort Wayne, Ind.

- "I telegraphed you today to ship me enough Permanent Pasture Grass seed to sow 20 acres. About seven years ago I seeded a piece with your Pasture and Hay Mixture with wonderful results." E.C. DUNCON, Clarkesville, Mo.
- "I wish to say that about 8 years ago I bought a large quantity of your Mixed Permanent Grass Seed, which has given us most splendid crops of hay every year since." E. L. NEWBOLD, Irvine, Pa.
- "It may interest you to hear as it is a pleasure to me to be able to state that from the mixed Permanent Grass Seeds bought from you 5 years ago, that I have just harvested the tenth crop of most satisfactory hay. This makes two good crops each year, and the remark is frequently made 'what a beautiful field that is' and it is frequently likened to a 'lovely lawn.'" GEO. MOORE, Fanwood, N. J.
- "I have sowed your Permanent Grass Seed on two acres of land and am delighted with the quality. Had a very dry summer to start with and had it been timothy, would have had to re-seed, but it filled out into a fine sod. Cut a second crop from would have had to re-seed, our with cutting."
  yours, when timothy was not worth cutting."
  W. E. HARRIS, East Douglas, Mass.

- "I sowed your Permanent Pasture Mixture two years ago, the result being a surprise. It is producing exceptional crops and remains green for pasturing until late in the fall."

  H. A. KING, Morristown, Ohio.
- "I seeded 30 to 40 acres with Henderson's Special Grass Mixtures for Perma nent Hay, with the best results. The yield of hay being highly satisfactory and of the finest quality, and relished by both horses and cows. I consider your Special Grass Mixture far superior to Timothy, both as regards yield and quality of hay, and instead of running out in 3 or 4 years as Timothy does, continues to improve from year to year."

  ALLAN MORRISON, Superintendent, Westbury, N. Y.

\$2.50 per bushel of 14 lbs.; 20-bushel lots @ \$2.45 per bushel; 50-bushel lots @ \$2.40; 100 bushels @ \$2.35.

# Henderson's Special Grass Mixture

### FOR HAY AND PERMANENT PASTURE

PRODUCES WONDERFUL HAY CROPS AND LUXURIANT PASTURE.

THIS famous mixture has seeded thousands of acres of meadow and pasture land for progressive farmers and stock raisers in various parts of the United States, with most gratifying results. It is a well-balanced combination of a number of native and acclimated foreign grasses and clovers, blended and improved upon during exhaustive trials under widely varied conditions, soils and localities for several years, until practically perfect, our aim being to produce, under the extremes of the American climate of heat, drought and cold, a PERMANENT, dense and deep-rooting turf that would yield year after year the maximum quantity of hay and afterwards to afford, if desired, a constant and abundant pasturage. Another important essential being superior quality, inviting, sweet and nourishing, whether as hay or pasture. That we have been successful is attested by the numerous letters of praise for this special grass mixture that we have received from the users, and the tributes to its merits published in many of the agricultural journals. Space permits us to print extracts from but a few of these encomiums on page 6.

The Yield of Hay under favorable conditions averages 3 to 4 tons per acre at the first cutting, or nearly double that of Timothy and Clover, and larger yields are not unusual; then, if not pastured, the second crop is usually about one-half the quantity of the first. This shows the great value of this special mixture of grasses over Timothy, which seldom yields a second crop, nor can it be pastured after cutting without seriously damaging the next season's yield, for Timothy after cutting throws its strength into its bulbous base, on which its yield the next season depends.

In Earliness this special grass mixture is about two weeks ahead of Timothy, enabling the having to be finished before grain harvesting presses. This earliness gives a longer growing season for the aftermath, whether it is to be pastured or again cut for hay.

Pasturage. After the hay crop is cut the grass commences to grow at once, recovering its verdure in a few days' time and affording a continuous pasturage even through dry summer weather, until winter sets in; or the field may be pastured from earliest spring and still be in prime condition for yielding hay or pasture the next season, and so on year after year, for the various grasses composing this special mixture are all dense, fibrous-rooting varieties, sustaining no injury from cropping—proving its value over Timothy, which would be injured, probably ruined, under similar conditions.

**Permanency.** Henderson's Special Grass Mixture for Hay and Permanent Pasture, if properly laid down, will maintain its heavy cropping qualities twenty years and more if occasionally top-dressed with manure or suitable commercial fertilizer, and it will steadily improve, whereas a stand of Timothy soon commences to become thin and in three or four years must be plowed up and resown or rotated—with all of the attendant expense.

Heat and Drought-Resisting. The various kinds of grasses composing this special mixture are fibrous, deep-rooting varieties that spread and intermingle, forming a tough matted sod, free from stooling or tussock growth, and, in consequence, the grasses protect their own roots and are therefore less susceptible to extremes of heat and drought, retaining their verdure even through dry, hot weather, when Timothy is burned up.

Adapted to a Wide Range of Soils and Climate. This special mixture of grasses will thrive under a greater variety of soil and climatic conditions than Timothy, and in many instances gives bountiful returns where Timothy can scarcely be grown.

**Daisies cannot exist** in an established field of this special grass mixture—which covers the ground so thoroughly with dense turf, and if daisies be in the field they do not get a chance to seed, the hay being ready to cut before the daisies are ripe.

The Initial Cost is more in seeding with Henderson's Special Grass Mixture, but the ultimate returns are much more profitable than those from ordinary hay and pasture fields, and when the other advantages are considered—including the permanency of a maintained yield—the first expense will be found a paying and satisfactory investment.

The Seed Required. The amount of seed necessary to sow an acre largely depends on the quality of the land; the poorer the soil the larger the quantity required. Taking one soil with another, and owing to the fact that the seeds we use are of higher quality and better cleaned than ever, a fair average would be 3 bushels to the acre. The thicker the seeds are sown the sooner will a fine, close turf be obtained.

To those accustomed to sow Timothy and Clover, the quantity of seed we recommend will seem large, but the seeds of these permanent grasses are quite different from Timothy, being much larger and lighter; but experience has proven that satisfactory results cannot be obtained with less seed than we recommend, unless under exceptionally favorable circumstances. It may be sown in either spring or fall.

A Description of Soil and Locality should be given when ordering. In the preparation of these mixtures for permanent pasture, the greatest care is exercised in selecting such varieties as are suited to the soil to be sown and are likely to realize the object in view. To facilitate this, a description of the soil and climate, and the purpose for which sown, and if with or without a grain crop, should accompany each order. FULL DIRECTIONS FOR SOWING ENCLOSED IN EVERY BAG.

### = PRICES ==

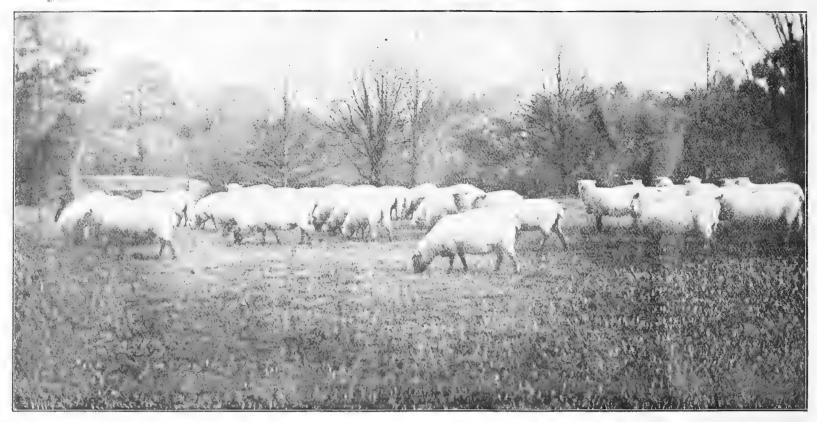
# Henderson's Special Grass Mixture for Hay and Permanent Pasture, for light soils, medium soils or heavy soils (state which in ordering):

\$2.50 per bushel of 14 lbs.; 20=bushel lots @ \$2.45 per bushel; 50 bushels @ \$2.40; 100 bushels @ \$2.35.

# Mixed Permanent Clovers 10 Pounds required for 1 acre, \$2.50.

Should be sown in addition to the above grass mixtures, but on account of greater weight the clover should be sown separately, and in cold latitudes, in the spring. This mixed clover comprises White, Mammoth Perennial or Cow Grass, Alsike, etc.

# HENDERSON'S HIGH GRADE



### HENDERSON'S SPECIAL

# GRASS MIXTURE for PERMANENT PASTURE

SUPPLIES CONTINUOUS AND ABUNDANT PASTURAGE
FOR 20 YEARS AND MORE

From Early Spring Until Winter Snows Green and Succulent All Summer Long When Ordinary Grazing Lands are Burned Brown

There is no more important part of a farm than a good pasture, and that can only be obtained by the use of the proper grasses, varieties that have different root formations and different habits and seasons of growth, in order to maintain a rich, close turf throughout the entire season. Timothy should never be used for pasture, because it will not stand trampling, and soon runs out when heavily pastured and at best is short-lived, as compared with the permanent grasses used in our Special Mixtures. These Mixtures contain over a dozen of the best permanent grasses, both American-grown and imported. All are permanent, and when once established will last indefinitely, if the fertility of the soil is kept up by occasional top-dressing. Owing to the different habits of growth, the grasses grow closer together and form a rich, close turf, covering the soil completely and forming a protection to the roots during hot, dry weather, thereby enabling these grasses to maintain a rich green appearance when Timothy and other grasses are burned up. The thick turf also prevents animals poaching through and destroying the pasture.

We have for years studied the subject of pastures and their formation with exhaustive tests on our own trial farms, where we have had growing separately and in different mixtures all the grasses of which seed can be procured in commercial quantities. These trials have been broadly studied and the results watched with critical interest on the farms of our customers. We are in an unrivalled position to advise you on the subject and to supply suitable grass seeds for Permanent Pasture. While it costs a little more to seed an acre with this special mixture, yet results are so superior and permanent that they more than offset the original cost. Sow not less than 3 bushels per acre. Directions enclosed in every bag.

PRICE, \$2.50 per bushel; 20 bushels @ \$2.45; 50 bushels @ \$2.40; 100 bushels @ \$2.35. (State whether wanted for light, medium or heavy soils.)

Mixed Permanent Clovers, 10 lbs. to sow an acre, \$2.50. Should be sown in spring. (see page 7).

FOR YEARS HENDERSON'S
RECLEANED
GRASS SEEDS
Have been Famed
for SUPERIORITY
in PURITY and
GERMINATION

The Individual Grasses Used in OUR MIXTURES were Exhibited at ... ... the ... ... WORLD'S FAIR C H I C A G O and were Awarded SEVEN HIGHEST P R E M I U M S

For QUALITY and PURITY

Prof. WILLIAM P. BROOKS, of the HATCH EXPERIMENT STATION, AMHERST, MASS., writes us—"After careful examination of samples from various sources and comparison of purity, germination and price, I have decided on ordering of you the greater proportion of grass seed, etc., needed here."



# HENDERSON'S SPECIAL GRASS MIXTURE FOR PERMANENT HAY

PRODUCES DOUBLE THE QUANTITY of TIMOTHY AND CLOVER

> and Maintains the Yield 20 Years and More

SUPPLIES A GOOD CROP OF

HA)

In Dry Seasons when Ordinary Hayfields are Burned Up

QUALITY SUPERIOR

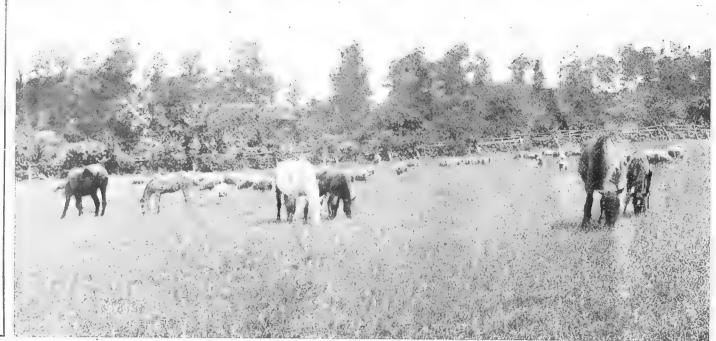
Although the most widely cultivated hay grass in the United States is Timothy, or a mixture of Timothy and Clover, and while they answer the purpose admirably on farms where the soil is suitable and where the usual three and four years' rotation is carried on, yet there are many other grasses which will yield more profitable returns.

The competition of the Western States on wheat, corn and other grain has made the growing of grain in the Eastern States and the usual rotation farming unprofitable, but hay still yields a fair profit, and the farmer whose land is sown with a proper mixture of Permanent Grasses, requiring only an occasional top-dressing of manure or fertilizer to MAINTAIN THEIR HEAVY CROPPING QUALITIES FOR TWENTY YEARS OR MORE, does away with the necessity for plowing and rotation cropping with all its attendant expense.

The most serious item of expense on the farm, the labor bill, can be largely reduced and thus give reasonable prospect of profitable annual returns at a minimum of labor and expense. The seed of these Permanent Grasses is more costly than Timothy, and more is required per acre, but by reason of their heavy cropping qualities and permanency they soon repay the extra cost and leave a handsome margin for the farmer, when the cost of plowing, harrowing and re-seeding Timothy every three and four years is taken into consideration.

The grasses used in this Mixture recover quickly after the hay crop is cut, and yield either a second crop or pasture in the greatest abundance during the summer and fall months. Within a few days after cutting, their rich green appearance as compared with Timothy is a desirable feature, especially in fields close to the house, as it gives a park-lawn effect to the surroundings. Sow 3 bushels per acre. Directions in every bag. Price, \$2.50 per bushel; 20 bushels @ \$2.45; 50 bushels @ \$2.40; 100 bushels @ \$2.35. (State whether wanted for light, medium or heavy soils.) Mixed Permanent Clovers, 10 lbs. to sow an acre, \$2.50; should be sown in spring. (See page 7.)

# FARM SEEDS... HENDERSONS HIGH GRADE



ENDERSON'S
Renovating Mixture

### Improving Old Pastures.

\$2.50 per bushel of 14 lbs.

•••••••••••••

20-bushel lots, \$2.45 per bushel. Mixed Clovers, 5 lbs. to sow an acre, \$1.25. RASS lands, in consequence of being constantly mown or pastured without being fertilized or manured, frequently become impoverished and deficient in the more valuable and nutritious grasses, and in time become unprofitable. It is frequently unnecessary to plow up súch land unless it be full of weeds. The turf should be well harrowed with a sharp-tooth harrow, and, if possible, top-dressed with soil and well-rotted stable manure, which should be well harrowed in, and then sown with HENDERSON'S RENOVATING MIXTURE, at the rate of one bushel per acre, and five pounds of mixed clovers. This mixture is composed of those sorts that are best suited for sowing on old pastures or meadows, and it will speedily improve the quality and increase the produce. March and April are the best months for sowing, choosing an interval between rains if possible, though, if inconvenient to sow then, very satisfactory results can be obtained by fall sowing. After sowing, the ground should be lightly harrowed and afterward well rolled.



ENDERSON'S Special
Grass Mixture
FOR Woodland Pastures.

\$2.50 per bushel of 14 lbs.

20=bushel lots, \$2.45 per bushel.

NLESS there is a superabundance of nitrogen in the soil and a consequent excessive wood growth, in which case it is desirable to sow the land with grasses, it is now customary to sow orehards with cover crops, such as Cow Peas, Clover, etc. These are plowed under and the orehard kept in constant cultivation. But where it is desired to sow the orchard with grass, or for woodland pastures, even when the shade is comparatively dense, we can with all confidence recommend this mixture.

It is composed of a selection of grasses which from exhaustive experiments we have found will thrive under trees. Orchard Grass is, of course, one of the best grasses for the purpose, but this mixture is much superior, as it will make a closer and more even pasture than Orchard Grass alone.

# Henderson's Recleaned Grass Seeds

### FOR FALL SOWING.

Special quotations for large Quantities. Prices subject to variation.

### Henderson's Superior Grass Seeds

are of high germination and of choicest, recleaned quality. Our warehouses (250,000 bushels capacity), being especially equipped with the most modern seed-cleaning machinery, enable us to supply Recleaned Grass Seeds of undoubted superiority at lowest possible prices when quality is considered. We are to-day the largest suppliers of recleaned grass seeds direct to the farmer, and if at times lower prices are quoted, depend upon it that it is at the sacrifice of quality, for we are so equipped that NO ONE CAN UNDERSELL US

FOR THE SAME QUALITIES.

At both the Pan-American Exposition and the World's Fair we received

SIXTY-FIVE MEDALS AND AWARDS, a large proportion of which were granted to our Grasses and Clovers for superior quality and purity of sample.

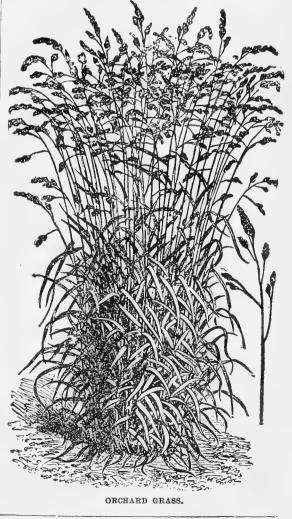
After careful examination of samples from various sources and comparison of samples from various sources and comparison of purity, germination and price, I have decided on ordering of you the greater proportion of grass seeds needed here at this time."

WM. P. BROOKS,



ITALIAN RYE GRASS.

	Weight	Per	Per	Per
	per bush.		lb.	100 lbs.
AWNLESS BROME CRASS. (Bromus Inermis.) A new forage plant				
of the utmost importance, particularly in dry and Southern				-
sections; yields enormously	14 lbs.	\$2.25	\$0.20	\$15.00
BERMUDA. (Cynodon Dactylon.) Valuable for Southern States,				
withstands the heat and drought	35 lbs.		1.00	90.00
Canada Blue Grass. Useful for sowing on hard clay and poor soils	14 lbs.	2.75	.22	18.00
Creeping Bent Crass. (Agrostis Stolonifera.) Excellent for lawns;				
succeeds well in moist situations. About 2 bushels to the acre	20 lbs.	8.50	.45	40.00
Crested Dog's Tail. (Cynosurus Cristatus.) Should enter in moderate	04.11	40.00		
quantity in permanent pasture mixtures and lawns	21 lbs.	10.00	.50	45.00
ENGLISH RYE GRASS. (Lolium Perenne.) A valuable Grass. 21/2	04.33	0.50		
to 3 bushels to the acre.	24 lbs.	2.50	.12	9.50
Fine-Leaved Sheep's Fescue. (Festuca Ovina Tenuifolia)	14 lbs.	7.75	.60	50.00
HARD FESCUE. (Festuca Duriuscula.) Dwarf, hardy grass, of great	1011-	3.25		
value for dry situations, indicates superior quality in hay	12 lbs.	3.23	.30	25.00
HUNGARIAN GRASS. (Panicum Germanicum.) Is a valuable annual	48 lbs.	2.50		
forage plant. 1 bushel to the acre. Price variable. 10-bu. lots, \$2.40		2.50		
ITALIAN RYE GRASS. (Lolium Italicum.) Unequaled for producing				
an abundance of early spring feed, giving quick and successive growths throughout the season	18 lbs.	2.25	.14	11.00
Johnson Grass. (Sorghum Halapense.) Of greatest importance for	TO IDS.	2.20	, 1 %	11.00
the South. Very tender and nutritious	25 lbs.	7.00	.30	25.00
KENTUCKY BLUE GRASS. (Poa Pratensis.) Very valuable for a	20 108.	1.00	.50	20.00
variety of soils from moist to dry, furnishes delicious and luxuriant				
pasturage and makes excellent hay. Fancy or double extra clean	14 lbs.	4.75	.40	32.00
MEADOW FESCUE. (Festuca Pratensis.) Of great value for per-	11100	2110	.20	52.00
manent pasture and hay, robust grower and nutritious	22 lbs.	8.25	.40	35.00
MEADOW FOXTAIL. (Alopecurus Pratensis.) Resembles Timothy.				00.00
but of much earlier and more rapid growth, particularly valuable for				
permanent pastures and hay.	7 lbs.	2.60	.40	35.00
ORCHARD GRASS. (Dactylis Glomerata.) One of the most valuable				
of all grasses, for either grazing or mowing, of early, rapid and				
luxuriant growth. (See cut.)	14 lbs.	4.00	.30	26.00
Red or Creeping Fescue. (Festuca Rubra.) Suitable for sandy sea-				1
coasts and dry soils.	14 lbs.	4.50	.35	30.00
RED TOP GRASS. (Agrostis Vulgaris.)	14 lbs.	1.80	.14	12.00
Fancy recleaned silver seed	32 lbs.	7.50	.25	22.00
Rhode Island Bent Grass. (Agrostis Canina.) A very fine variety for				
lawns. About 3 bushels to the acre	14 lbs.	6.00	.45	40.00
Rough-Stalked Meadow Grass. (Poa Trivialis.) Valuable for pastures		- 0-		
and meadows, particularly on damp soils. 1¼ bushels to the acre	14 lbs.	5.25	.40	35.00
SHEEP'S FESCUE. (Festuca Ovina.) Excellent for uplands and dry		0.00	0.0	
pastures, of close, dense and nutritive growth, relished by sheep	12 lbs.	3.25	.30	25.00
Sweet Vernal Grass. True Perennial. (Anthoxanthum Odoratum.)		17 -0	1 0-	
Very aromatic, giving hay a fine flavor.	10 lbs.	11.50	1.25	
TALL MEADOW FESCUE. (Festuca Elatior.) Very early, nutritive and productive. Valuable on wet or clay soils	at ( );	6.00	1 =	40.00
and productive. Valuable on wet or clay soils	14 lbs.	0.00	.45	40.00
TALL MEADOW OAT GRASS. (Avena Elatior.) Recommended for	TOlhe	3.00	.32	28.00
soiling, being rapid and luxuriant in its growth. 4 to 5 bush. per acre	10 lbs.	3.00	.04	28.00
TIMOTHY. (Phleum Pratense.) We offer a particularly "choice"	4 = 1hc	4.50	.12	9.50
sample, ½ bushel per acre. Price variable	45 lbs.	3.25	.40	35.00
Various-Leaved Fescue. (Festuca Heterophylla.)	14 lbs.	0.20	. ±0	35.00
<b>Wood Meadow Grass.</b> (Poa Nemoralis.) Of early growth and thriving well under trees. 2 bushels to the acre	14 lbs.	11.00	.80	75.00
ing wen under trees. Z busiless to the acre	TATION.	0	,00	10.00



# CRIMSON OR SCARLET CLOVER

A Boon to Agriculture—A Gold Mine on Your Farm—Valuable as a Pasture. Green Forage and Hay Crop and Most Valuable for Quickly Restoring Fertility to Worn-Out Soils

The importance of this Annual Clover is realized more and more every year, not only as a pasture, green forage and hay crop, but as a cover crop and soil renovator. While it grows most luxuriantly on fertile loam, yet it will thrive better on thinner and poorer soils than Red Clover and is more efficient

for green manuring than the latter.
Crimson Clover forms an upright branching plant 1 to 2 feet in height, according to soil, locality and season. It roots very deeply and is a bountiful provider of nitrogen.

As Hay—Cut when coming into full bloom, not later—and properly cured—it is even superior to Red Clover, is more nutritious, richer in protein and especially adapted for growing and working animals. The yield of cured hay on average soils is 2 to 3 tons per acre, on lighter soils less and on heavier, richer soils, phenomenally large crops have been produced.

For Green Forage and Silage it is of high feeding value, especially for dairy stock and is much relished by them. The average yield cut green before the flowers commence to mature is 8 to 15 tons per acre, though up to a 20-ton yield

per acre is sometimes reported.

As Pasture Crimson Clover makes one of the best early spring pastures, supplying an abundance of nutritious herbage for several weeks if stock is turned on it when about 6 inches

As a Green Manuring Crop Crimson Clover is of the greatest value, particularly as its season of growth permits it to be sown in summer or early autumn after a grain or vegetable crop has been removed and then be plowed under the next Thus it does not in any way interfere with other spring.

Plowing under a good crop of Scarlet Clover is equivalent to 20 tons of stable manure per acre, and even if the Clover be harvested or pastured, the benefits derived from the wonderful nitrogenous root formation will alone many times

repay the cost of seed and labor.

It is the cheapest source of nitrogen, and has revolutionized the methods of farming in many States, has restored to profit-

able cultivation thousands of acres of poor land.

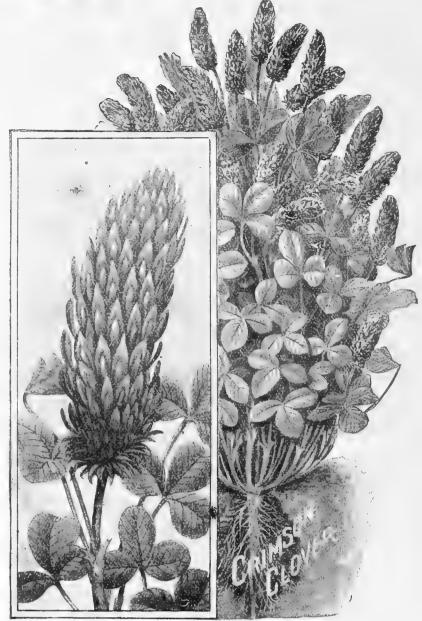
As a Cover Crop and winter soil mulch it is peculiarly well adapted. It may be sown among corn, tobacco, sorghum and other crops after the last cultivation and when the primary crop is removed the Crimson Clover will come on and cover the ground fall, winter and early spring. It is one of the best cover crops for orchards and small fruits, and also one of the best sources of nitrogen for them.

Harvesting and Feeding. Crimson Clover should not be fed either cured or green after the flowers begin to mature for the hairs of the calyx then begin to stiffen and harden and are apt to form troublesome 'hair balls' in the stomachs of animals.

Seeding. Sow at the rate of 15 pounds of seed per acre, either broadcast or drilled. Cover lightly with a harrow. If sown too early, especially in Southern States, Crimson Clover is apt to mature and form seeds the same season without making full growth. In the latitude of New York City sow from July 15 to September 15, and in the South as late as October.

Price.—Henderson's choicest new Crop Crimson clover seed of highest growing quality, thoroughly recleaned and free from weed seeds. (See cut). 24 cts. lb., \$12.00 bushel of 60 lbs.,

\$18.00 per 100 lbs.



RED CLOVER.

(Trifolium

Price, (subject to change without notice) Henderson's Superior Sample (extra recleaned), 28c. lb., \$15.00 bushel of 60 lbs., \$24.00 per 100 lbs.

### MAMMOTH OR PEA VINE RED CLOVER.

(Trifolium pratense perenne)
Quite distinct from the common Red Clover, being of larger and coarser growth. Valuable for reclaiming exhausted lands. Sow (if alone) about 12 lbs. per acre; weight, 60 lbs. per bushel. Henderson's Superior Sample (extra recleaned). Price, 30c. lb., \$15.50 per bushel, \$25.00 per 100 lbs.

### ALSIKE OR HYBRID CLOVER.

(Trifolium hybridum)

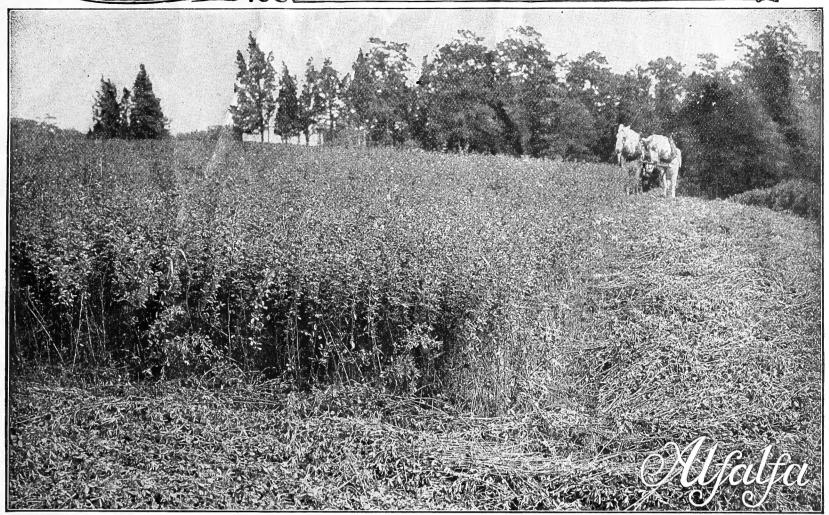
A hybrid intermediate in growth and appearance between Reda and White Clovers. It is a perennial and one of the hardiest of all clovers, thriving particularly well in cool climates and stands freezong well. It is valuable for sowing with other grasses and clovers as it forms a thick bottom, increasing the yield of hay.

Sow (if alone) 8 lbs. per acre; weight, 60 lbs. per bushel. 28c. lb., \$15.00 bushel, \$24.00 per 100 lbs.

### WHITE DUTCH CLOVER.

(Trifolium repens)

A very hardy creeping variety, which accommodates itself to a great variety of soils, but grows most luxuriantly in moist ground or in wet seasons. It is valuable in mixtures for permanent pastures and lawns. Sow (if alone) 8 lbs. per acre; weight, per bushel, 60 lbs. 40c. per lb., \$22.50 per bushel, \$35.00 per 100 lbs.



# The U.S. Government's Pure Seed Investigation

Has shown that some Alfalfa Seed on the American Market is ADULTER ATED.

# Henderson's Re-cleaned ALFALFA SEED

However, has been proven by Government Analysis to be the PUREST.

Henderson's Sample of Alfalfa, I am glad to say, stood at the head of twelve other samples sent by me to the Government for analysis. Kindly ship to me at Wilcox Wharf, James River, Va., enough to seed sixty acres.

E. A. SAUNDERS, JR., Richmond, Va.

### ALFALFA or LUCERN. (Medicago sativa.)

The Deepest Rooting, Soiling and Hay Plant Grown.

Opens up the Subsoil. Adds Nitrogen and Humus to the Land.

This clover-like, leguminous plant is perhaps the most valuable permanent cropper for forage and hay that is grown, yielding, when established, regardless of drought, enormous crops annually for many years. Three to six cuttings are usually harvested per season, aggregating three to eight tons of cured hay per acre, and a yield of eight to twelve tons under favorable conditions is not unusual. The feeding value of Alfalfa is very high, being rich in protein—the blood, muscle and bone-forming elements required for growing animals; it is also a rich milk and butter producer when fed to cows. It is greatly relished by all stock either in pasture or cut and fed green or as cured hay, and they all thrive on it, though there is danger that cattle and sheep may bloat if turned into a luxuriant pasture of Alfalfa while the dew is on.

Alfalfa is a great improver of the soil, gathering nitrogen from the air and adding it with humus to the soil when the deep-rooted stubble is plowed under, thus putting the land in fine condition for following crops. Alfalfa may be successfully grown in almost every State in the Union when the essential conditions can be supplied. Its best development is attained under the particularly congenial conditions in the Western and Pacific Coast States, yet its cultivation is rapidly increasing in the Middle and Eastern States, as its requirements and culture are better understood. The Alfalfa plant grows three to five feet high and sends a single tap root down into the soil eight to twelve feet, and in deep, sandy soils twenty to thirty feet; in consequence, it thrives best where soil and subsoil will permit of deep penetration of the roots about which water must not stand. A congenial soil is sandy loam with permeable subsoil, though it will thrive in any sweet, well-drained soil excepting heavy clay and low, wet land. Calcareous soil suits it especially well.

Another essential is to get the plants well established. The young seedlings being rather delicate, the best results have been attained in the East where the seed has been drilled in during the summer in rows twelve to eighteen inches apart and then cultivated; by this method, the young plants keep ahead of the weeds and get a good, strong start, after which they are able to care for themselves. A small crop may may then be taken off late in the season, provided it is cut early enough to allow five or six leaves to develop before winter sets in, or is cut about six inches above the ground. Full cropping must not be expected until the second year, but after a field of Alfalfa is established it lasts for a lifetime, continuing to yield annually, regardless of droughts, phenomenal crops, amply repaying the expenditure of time and trouble. Alfalfa should be cut as soon as it begins to flower.

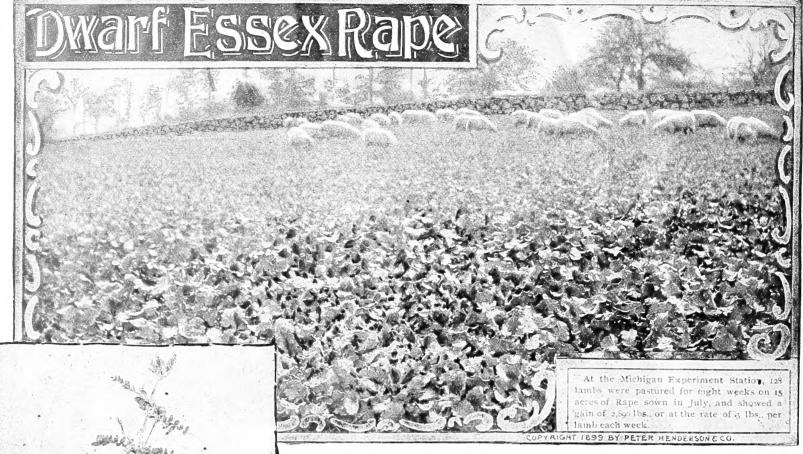
The time to sow in the North and Eastern States is June, July or August, 30 to 40 lbs. per acre if broadcasted or 25 to 30 lbs. if drilled in, the latter method being advised; in the South sow in February or September. (See cut.)

Price, Henderson's Superior Alfalfa Seed, 35 cts. per lb., \$18.00 per bushel of 60 lbs., \$28.00 per 100 lbs. "Please send me ½ bushel of your Alfalfa Seed. That I got from you last season did splendidly."

FRANK HOFFMAN, Analomink, Pa.

<sup>&</sup>quot;The Alfalfa Seed I bought of you one year ago was clean and it seems as if every grain came up." N. E. BATCHELOR, Corry, Pa.

<sup>&</sup>quot;You may be interested to know that I have succeeded in growing Alfalfa on beach sand on the east coast of Florida. The plants are now two years old and doing well. Four crops were harvested during last season." S. C. DUSS, Rockville Center, L. I.



### TRUE DWARF ESSEX RAPE.

Valuable for Cattle, Sheep and Hogs.

In the United States we have millions of acres of good land that annually lie idle or run to weeds the latter part of the season, after the grain, potato and hay crops have been harvested, a large portion of which might be made to produce one of the finest feeds imaginable, and in the greatest abundance, at a time when cattle, sheep and hogs are roaming through bare pastures in search of a scanty living. Under favorable conditions it is ready for pasturing sheep or cattle within six weeks from time of sowing, and on an average one acre will carry twelve to fifteen sheep six weeks to two months. on the Rape they should at all times have access to salt; but water is not necessary. There are several varieties of Rape, but care should be taken to procure the **Dwarf Essex**, or English, as it is sometimes called, which does not seed the same season as sown, unless in some exceptional cases, as when sown too early and the young plant is touched by frost. In the Northern States it should be sown from April to end of August for fall pasturing, but as it thrives best in cool weather, it should not be sown in the Southern States until September, or October for winter pasture. In the latitude of New York it should be sown in April, or in July or August. Its fattening properties are probably twice as good as those of Clover, and for sheep the feeding value of Rape excels all other plants we know of. At the Michigan Experiment Station 128 lambs were pastured for eight weeks on 15 acres of Rape sown in July, and showed a gain of 2,890 lbs., or at the rate of 3 lbs. per lamb each week. Even so far South as Alabama it has proved a boon to the farmer. In a recent bulletin published by the Alabama Experiment "Quality of product good for both hogs and cattle. The growth was enormous. By repeated sowings it will and did carry more hogs through our dry, hot summers than four times the amount of land planted in anything else ever grown here. I would recommend it to all Southern farmers." To secure the best results, the Rape should be sown in drills. Sow 4 lbs. per acre broadcast, 2 to 3 lbs. per acre in drills. (See cut.) Price, 10c. per lb., \$3.50 bushel of 50 lbs., 100 lbs. \$6.50. If by mail, add 8c. per lb.

# SAND OR WINTER VETCH. (Vicia Villosa.)

Though it succeeds and produces good crops on poor, sandy soils, it is much more vigorous on good land and grows to a height of 4 to 5 feet. It is perfectly hardy throughout the United States, remaining green all winter, and should be sown during August and September, mixed with Mammoth Red Clover, in sections where it will not winter-kill, or with Rye, which serves as a support for the plants; or in spring with Oats or Barley.

It is the earliest crop for cutting, being nearly a month earlier than Scarlet Clover, and a full crop can be taken off the land in time for planting spring crops. Being much hardier than Scarlet Clover, this is the Forage Plant to sow in the Northern States, where Scarlet Clover winter-kills, though it is equally valuable in the South. Every dairyman and stock-breeder in the United States should have a field of it, and if you try it once you will never be a season without it.

It is exceedingly nutritious, much more so than Clover, is eaten with relish, and may be fed with safety to all kinds of stock.

It will also prove valuable for a Hay crop in the South and dry Western regions, as it may be sown in the fall and will make a luxuriant growth during the fall and spring months, and will yield a heavy crop, which may be cut and stored before the droughts set in.

Sow one bushel per acre, with one-half bushel or Rye of Wheat. (See cut.) Price, 14c. per lb., \$6.50 bushel of 60 lbs., 100 lbs. \$10.00. If by mail, add 8c. per lb.



SAND OR WINTER VETCH
THE EARLIEST FORAGE CROP.

### JRABLE ONLY FROM PETER HENDERSON & CO., NEW YORK.

THE

### HENDERSON CHILLED PLOW.

A Grand Plow, Lightest Draft, Runs Steady, Correct Shape, Harder than Steel.



THE HENDERSON CHILLED PLOWS are hon-THE HENDERSON CHILLED PLOWS are honestly made of best materials, correctly shaped and balanced to do grand work. Easy on both team and plowman, and we are certain they are not surpassed by any other make. The mold is harder than steel, scours like glass in any soil and turns a beautiful furrow. All improvements, including inclining landside, adjustable beam and wheel. Shin piece removable for absorpting able for sharpening.

No.	"Henderson" chilled Plows. Price, With Sizes. Furrow.	wheel and skim
B 13 23	Light, 1 horse 4½x 9 in. \$5.00 Medium, 1 horse 5x10 in. 5.50 \$6.50 Full, 1 horse 5½x11 in. 7.50 Medium, 2 horse 7x13 in. 8.50 9.50 Full, 2 horse 8x14 in. 9.00 10.00	11.50

### THE "HENDERSON" PERFECT STEEL PLOW.



Mouldboard, shinpiece and landside are of tempered steel; the beam is also of steel and will not bend nor break. The entire design is perfection in shape, turning the furrow clear over, and grass, weeds and manure entirely under; it scours like glass in all soils, and works beautifully in either loam with-

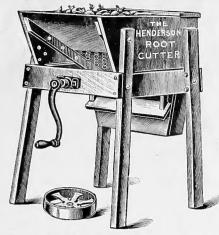
out body, or muck.

Price of the "Henderson Perfect" Steel Plow, with a chilled carbonate share, regular two-horse size, cuts 5 to 8 inches deep by 10 to 15 inches wide, plain, \$13.00; with wheel, \$14.00; with wheel and jointer, \$15.00.

### HENDERSON'S GOLD MEDAL SUB-SOIL PLOW.



By following the plow with a sub-soil plow the earth can be broken to a depth of from 15 to 20 inches, giving roots a wider range for food, so plants are hardly affected by excessive drought or a wet season. The Gold Medal penetrates the sub-soil easily breaks the hard pan and pulverizes it without bringing any to the surface. The one-horse plow will reach to a depth equal to the height of its standard—15 to 16 inches—and the two-horse plow to the depth of 20 inches. Prices for one-horse, \$5.00; with wheel and draft rod, \$6.50; for two-horse, \$7.00; with wheel and draft rod, \$8.50. Extra shares 1 horse, 50c.; 2 horse, 80c.



### The "HENDERSON" Root Cutter is the best; a self-feeder; separates the dirt from the cut

20.00



HENDERSON'S NEW TOOL

# IMPLEMENT GATALOGUE.

Implements, Tools and Requisites . . FOR THE . . .

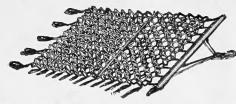
FARM, GARDEN, LAWN, GREENHOUSE, DAIRY, STABLE POULTRY YARD, ETC.

### THE HENDERSON IMPROVED CIDER MILL.

A greatly improved com-bined mill and press, most durably made and braced. The hopper will hold nearly half a bushel of apples, and the crushers are so constructed that it is selfconstructed that it is self-feeding and does not require the use of a stick to force the apples into the crushing rolls as do so many of the other styles of combined mill and press. It will grind apples, grapes, currents, berries, in fact all kinds of fruit used for either cider, vinegar or wine. The improved gearing is outside, and the wine. The improved gear-ing is outside, and the greatly increased speed combined with ease of operation, enables one person to grind from 15 to 20 bushels of apples per hour. The curb measures 12 x 12 in. and holds the pomace of about 2 bushels of apples. Price, \$12.00.



SCOTCH CHAIN HARROW.



### THE HENDERSON LEVER-SET ALL-STEEL HARROW.



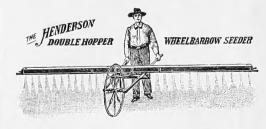
A Spike-Tooth, Harrow with Lever Up. A Smoothing Harrow with Lever Down.

The teeth can be instantly set at any angle from a forward pitch to straight up and down or slanting backward, the lever-catch holding them securely in the desired position. **Prices,** No. B, 1 horse, 1 section, 30 teeth, 5 ft. cut, \$8.00. No. D, 2 horse, 2 sections, 60 teeth, 10 ft. cut, \$14.00.

### CAHOON'S IMPROVED BROADCAST SEED SOWER.



Will sow all kinds of grass and grain seeds from 4 to 8 acres per hour at a common walking gait. Heavy seeds, such as wheat, it will throw 40 ft. (20 ft. each side of the operator); lighter seeds, of course, will not be thrown so far. Price, \$4.00.



### THE HENDERSON DOUBLE HOPPER WHEELBARROW SEEDER.

Sows Grass Seed Mixtures as Well as Heavy Seeds or Light Chaffy Seeds.

One side of the Seed Box is adapted for all such heavy seeds as clover, timothy, millet, alfalfa, Hungarian, etc. The opposite side handles the light chaffy seeds, as Red Top, Kentucky blue, Orchard grass, etc., as well as grass seed mixtures for golf, pasture, hay lawns, etc. Length of hopper 14 ft. easily regulated to sow any desired quantity per acre. Price, \$10.00.





# HENDERSON'S

SPEGIAL

# GRASS MIXTURES

FOR.. HAY.. AND

PERMANENT PASTURE

HAVE SEEDED

THOUSANDS OF AGRES

AMERICA.

THE LARGEST
STOCK FARMS,
PROGRESSIVE
FARMERS,
AND THE

AGRIGULTURAL PRESS

..PRAISE...

HENDERSON'S
SPEGIAL GRASS
MIXTURES.



# Henderson's Special Grass Mixture :: ::

FOR HAY AND PERMANENT PASTURE

IS USED BY

### AMERICA'S PROGRESSIVE FARMERS

AND ON

### AMERICA'S NOTED FARMS

AMONG WHICH WE MENTION:

## Henderson's Special Grass Mixture

FOR HAY AND PERMANENT PASTURE

FOR FULL DESCRIPTION, TESTIMONIALS AND PRICE, SEE PAGES 6 TO 10

